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**Anagyrus lopezi** is a species of parasitic wasp native to Central America. It is used as biological control agent against the cassava mealybug (*Phenacoccus manihoti*).

Large-scale deployment of this<sup>[1]</sup> **parasitoid** was done in Africa<sup>[2]</sup> and was successfully achieved in **Thailand** and several other Southeast Asian countries in 2010.<sup>[3][4]</sup>

In 2010, huge number (lakhs) of wasp were airdropped in Thailand to control mealy bug and the results were amazing.

In 1980 also these wasp were used to control mealy bug in cassava fields of west Africa and reduces pest population by 80-90%.

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["African wasps let loose to save cassava"](#) . Bangkok Post.

## References [[edit source](#)]

1. ^ T. W. Fisher; Thomas S. Bellows; L. E. Caltagirone; D. L. Dahlsten; Carl B. Huffaker; G. Gordh (1999). *Handbook of Biological Control: Principles and Applications of Biological Control*. Elsevier. p. 800. [ISBN 9780080533018](#).
2. ^ [Parasite Rex: Inside the Bizarre World of Nature's Most Dangerous Creatures](#) (2001) [ISBN 0-7432-0011-X](#)
3. ^ ["Scientists mount a 'sting operation' in Thailand to tackle a devastating pest outbreak"](#)  . *Physorg.com*. 2010-07-16. [Archived](#)   from the original on 18 July 2010. Retrieved 2010-07-16. "Thailand's Department of Agriculture is expected to officially start the release of *Anagyrus lopezi* (the wasp's scientific name) as a form of biological control in the country's northeastern province of Khon Kaen...."
4. ^ ["Insektenplage in Thailand: "Killerkommando" auf dem Weg"](#)  . *n-tv* (in German). 2010-07-16. [Archived](#)   from the original on 18 July 2010. Retrieved 2010-07-16.

*Apoanagyrus lopezi*

## Scientific classification

Kingdom: **Animalia**

Phylum: Arthropoda

Class: Insecta

Order: Hymenoptera

Suborder: **Apocrita**

Family: Encyrtidae

Genus: *Apoanagyrus*

Species: *A. lopezi*

## Binomial name

*Apoanagyrus lopezi*

De Santis, 1964

## Synonyms

*Epidinocarsis lopezi*,  
*Apoanagyrus lopezi* (De Santis,  
1964)



The release of the parasitic wasp *Anagyrus Lopezi*, at a ceremony organised and hosted by the Thai Department of Agriculture in the country's northeastern **Khon Kaen** province.

## Taxon identifiers

Wikidata: Q4780051  · GBIF: 1379899   · IRMNG: 11258630  



*This **chalcid wasp**-related article is a **stub**. You can help Wikipedia by expanding it.*

Categories: Encyrtidae | Chalcidoidea stubs

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